Compara
Bruhat Bangalore M
Form No.
Estimate Amount: 50.00 Lakh

BBMP, RR Nagar

Name of Work:- Construction of To

Statement
ahanagara Palike
WG-45

ets Insides JP Park In Ward No 17

Sl	Description of Item	Unit	As per Sanction Estimate	As per Tender			Total Excess/ Sa							Remarks
			Amount	Qty	Rate	Amount	Qty	Up to 125%			Above 125% more than tender Qty		Total Amount	Amount		
								Qty	Rate	Amount	Qty	Rate	Amount		Excess	Savings
1	2	3	4	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50 m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	19272.20	111.40	173.00	19272.20	8.83	8.83	173.00	1527.16	0.00	0.00	1528.00	0.00	17744.20	
2	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	78828.40	239.60	329.00	78828.40	644.72	299.50	329.00	98535.50	345.22	329.38	113798.67	212245.00	13341.60	0.00	
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180 kgs. with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 5.75 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specification.	Cum	151800.00	27.60	5500.00	151800.00	42.32	34.50	5500.00	189750.00	7.82	6031.57	47154.84	236905.00	85105.00	0.00	
4	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320kgs. with 20mm and down size graded granite metal coarse aggregates @ 0.870cum and fine aggregates @ 0.459cum, with superplastisizer @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls (any thickness) including attached plasters, columns, piers, abutments, pillars, ports, structs, buttresses, string or lacing courses, parpets, coping, bed blocks, anchor plain window cills, fileris etc., including cost of all materials, labour, HOM of machinery, curing complete as per specification. Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	418600.00	64.40	6500.00	418600.00	7.62	7.62	6500.00	49524.02	0.00	0.00	0.00	49525.00	0.00	369075.00	
5	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides & soffits of beams, beam haunching cantilever, girders, bressumers & lintels & not exceeding 1.0 m depth including cost of all materials, labour complete as per specifications	Sqm	55370.00	158.20	350.00	55370.00	135.91	135.91	350.00	47569.90	0.00	0.00	0.00	47570.00	0.00	7800.00	
6	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications	Sqm	172514.50	355.70	485.00	172514.50	0.00	0.00	485.00	0.00	0.00	0.00	0.00	0.00	0.00	172514.50	
7	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded granite metal coarse aggregates @ 0.5865 cum & fine aggregates @ 0.391 Cum with super super plastisizer @ 0.225 Ltrs machine mixed well compacted plain chajja 8.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, labour HOM of machinary, curing complete as per specification.Ground floor	Sqm	3152.50	6.50	485.00	3152.50	13.38	8.13	485.00	3940.63	5.27	539.53	2842.20	6783.00	3630.50	0.00	
8	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels of all shapes & sizes, at all elevations & heights.Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	4628.00	13.00	356.00	4628.00	0.00	0.00	356.00	0.00	0.00	0.00	0.00	0.00	0.00	4628.00	
9	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, bong with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications Specification No KBS 4.6.3 FOR TMT Bars Fe- 500 Ground Floor Complete as per the direction of Engineer in Charge with all lead and Lift	Tonne	538780.00	6.82	79000.00	538780.00	2.84	2.84	79000.00	224092.77	0.00	0.00	0.00	224093.00	0.00	314687.00	
10	Providing & Constructing Granite/ trap/basalt size stone Masonary in basement with Cement morter 1:8 edges of stone chistle dressed in courses not less than 15 cms high, bond stones at two mtr apart in each course Including cost of all materials, labour, curing complete as per specifications Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	584660.00	94.30	6200.00	584660.00	40.29	40.29	6200.00	249816.60	0.00	0.00	0.00	249817.00	0.00	334843.00	

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11	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. In depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5m. Inluding cost of all labour complete as per specifications Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	21098.00	95.90	220.00	21098.00	596.00	119.88	220.00	26372.50	476.13	221.42	105425.34	131798.00	110700.00	0.00	
12	Providing and constructing Pre cast solid blocks with Compressive strength not less than 35 kg/ sqm with cement morter 1:4 masonary (quion, Jamb, closer block) with solid concrete blocks of size 40 x 15 x 20 cms confirming to IS 2185/1965 in super structures including cost of materials, labour charges, scaffolding, curing complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	426000.00	426.00	1000.00	426000.00	106.70	106.70	1000.00	106695.00	0.00	0.00	0.00	106695.00	0.00	319305.00	
13	Providing & constructing non load bearing walls cemect concrete solid blocks with compressive strength not less than 35 kg/sqm with cement morter 1:4 (jamb. closer blocks) with blocks of size 40X10X20 (LXBXH) confirming to I.S. : 2185/1965 in super structure including cost of materials, labour charges, scaffolding, curing complete as per specification Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	28785.00	30.30	950.00	28785.00	80.09	37.88	950.00	35981.25	42.21	902.74	38104.71	74086.00	45301.00	0.00	
14	Providing 18mm thick cement plaster in single coat with cement mortor 1:3 to Brick masonary including rounding off corners wherver required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	142166.00	458.60	310.00	142166.00	204.86	204.86	310.00	63506.60	0.00	0.00	0.00	63507.00	0.00	78659.00	
15	Providing 18mm thick cement plaster in single coat with cement mortor 1:4, to brick masonry including rounding off corners wherver required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(internal) Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	236592.00	821.50	288.00	236592.00	399.90	399.90	288.00	115169.76	0.00	0.00	0.00	115170.00	0.00	121422.00	
16	Providing 12mm thick cement plaster in single coat with cement mortor 1:3, to ceiling including rounding off corners wherver required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. GG. Complete as per the direction of Engineer in Charge with all lead and Lift. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	83142.00	279.00	298.00	83142.00	180.07	180.07	298.00	53660.86	0.00	0.00	0.00	53661.00	0.00	29481.00	
17	Providing INTEGRAL CRYSTALINE Waterproofing treatment to the sunken portion of toilets. Using Crystalline Slurry of approved make @ 1.40 kg per SQM in two coats (0.7 Kg per coat) confirming to ASTM S 1202 & DINV 18998 standards. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	139080.00	278.16	500.00	139080.00	188.84	188.84	500.00	94420.00	0.00	0.00	0.00	94420.00	0.00	44660.00	
18	Providing and fixing of factorymade 30 mm P.V.C door frame of size 50x47 mm with a wall thickness of 5 mm made out of extrued 5 mm rigid PVC foamsheet metered cut at cornwers & jointed 2 nos 150 mm long brackets of 15 x 15 mm MS Square tube. the entire door frame to be reinforced with 19 x 19 m square tube of 19 gauge. the door frame to be fixed to the wall using MS screws of 65 /80 mm size complete as per manufacturers specification& directions of Engineer in charge. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	23587.20	45.36	520.00	23587.20	51.30	51.30	520.00	26676.00	0.00	0.00	0.00	26676.00	3088.80	0.00	
19	Providing & fixing 30mm thick factory made rigid foam Panelied Door Shutters made from M.S. tube of 19 gauge thickness, size 19 x 19mm for styles and 15 x 15mm for top and bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5 x 30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 mm Aluminium hinges. GG. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	107640.00	41.40	2600.00	107640.00	14.18	14.18	2600.00	36855.00	0.00	0.00	0.00	36855.00	0.00	70785.00	
20	Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm weighing 2.28 Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S. 7452 : 1990, 4nos, of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour, and HOM of machinery complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	9446.80	2.20	4294.00	9446.80	0.00	0.00	4294.00	0.00	0.00	4294.04	0.00	0.00	0.00	9446.80	
21	Providing and fixing in position black cuddapah slab / Shahabad Slab/Thandur blue slab 4 cms thick for roofing laid to line and level over wooden rafters or RCC battens pointing exposed joints with cement mortar 1:4 including cost of materials, labour, curing complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	30520.00	43.60	700.00	30520.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	30520.00	

22	Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications, site 30x30cms. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	491780.00	367.00	1340.00	491780.00	209.63	209.67	1340.00	280904.20	0.00	0.00	0.00	280995.00	0.00	210875.00	
23	Providing skirting, dado, risers of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	113102.50	80.50	1405.00	113102.50	356.48	100.63	1405.00	141378.13	255.85	1406.13	358224.18	499603.00	386500.50	0.00	
24	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	88920.00	741.00	120.00	88920.00	399.90	399.90	120.00	47987.40	0.00	0.00	0.00	47988.00	0.00	40932.00	
25	Providing and applying two coats with oil bound washable distemper of approved brand and shade on Ceiling surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	35433.00	279.00	127.00	35433.00	0.00	0.00	127.00	0.00	0.00	0.00	0.00	0.00	0.00	35433.00	
26	Water proof cement paint KSBB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint with primer of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour complete as per specifications. (P.No.124/15.53.2) '--do with Primer-- GG Complete as per the direction of Engineer in Charge with all lead and Lift	Sqm	51363.20	458.60	112.00	51363.20	204.86	204.86	112.00	22944.32	0.00	0.00	0.00	22945.00	0.00	28418.20	
27	Providing and fixing white vitreous china clay water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	17592.00	12.00	1466.00	17592.00	14.00	14.00	1466.00	20524.00	0.00	0.00	0.00	20524.00	2932.00	0.00	
28	Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	38400.00	12.00	3200.00	38400.00	14.00	14.00	3200.00	44800.00	0.00	0.00	0.00	44800.00	6400.00	0.00	
29	Providing & fixing CI Nahanu trap of approved make confirming to ISI specification and construction of cistrnes in M 15 as per directions. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	2160.00	8.00	270.00	2160.00	10.00	10.00	270.00	2700.00	0.00	0.00	0.00	2700.00	540.00	0.00	
30	Providing and fixing in position CP bib cock of approved quality 20 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	1520.00	8.00	190.00	1520.00	0.00	0.00	190.00	0.00	0.00	0.00	0.00	0.00	0.00	1520.00	
31	Providing and fixing white vitreous china clay, flat back wash basin size 550x400mm with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	26624.00	8.00	3328.00	26624.00	10.00	10.00	3328.00	33280.00	0.00	0.00	0.00	33280.00	6656.00	0.00	
32	Providing and fixing to wall, ceiling and floor , Medium density polyethylene pipes 6.00 kgf /sqcm working pressure	Mtrs	5744.00	16.00	359.00	5744.00	65.00	20.00	359.00	7180.00	45.00	327.18	14722.88	21903.00	16159.00	0.00	
33	Providing and fixing to wall, ceiling and floor , Medium density polyethylene pipes 6.00 kgf /sqcm working pressure	Mtrs	11732.00	28.00	419.00	11732.00	62.00	35.00	419.00	14665.00	27.00	359.12	9696.28	24362.00	12630.00	0.00	
34	Providing and fixing to wall, ceiling and floor , Medium density polyethylene pipes 6.00 kgf /sqcm working pressure	Mtrs	9920.00	20.00	496.00	9920.00	72.00	25.00	496.00	12400.00	47.00	418.61	19674.58	32075.00	22155.00	0.00	
35	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brass threaded fittings including fixing thepipes with the clamp at 1.00mtr spacing . This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (Internal works) (Concealed work including cutting chases and good the walls etc.)A)15mm dia pipe nominal OD pipes Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	2724.00	12.00	227.00	2724.00	90.00	15.00	227.00	3405.00	75.00	226.93	17019.72	20425.00	17701.00	0.00	
36	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brass threaded fittings including fixing thepipes with the clamp at 1.00mtr spacing . This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (Internal works) (Concealed work including cutting chases and good the walls etc.) B)20 mm dia pipe nominal OD pipes Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	10360.00	40.00	259.00	10360.00	125.00	50.00	259.00	12950.00	75.00	258.88	19415.70	32366.00	22006.00	0.00	

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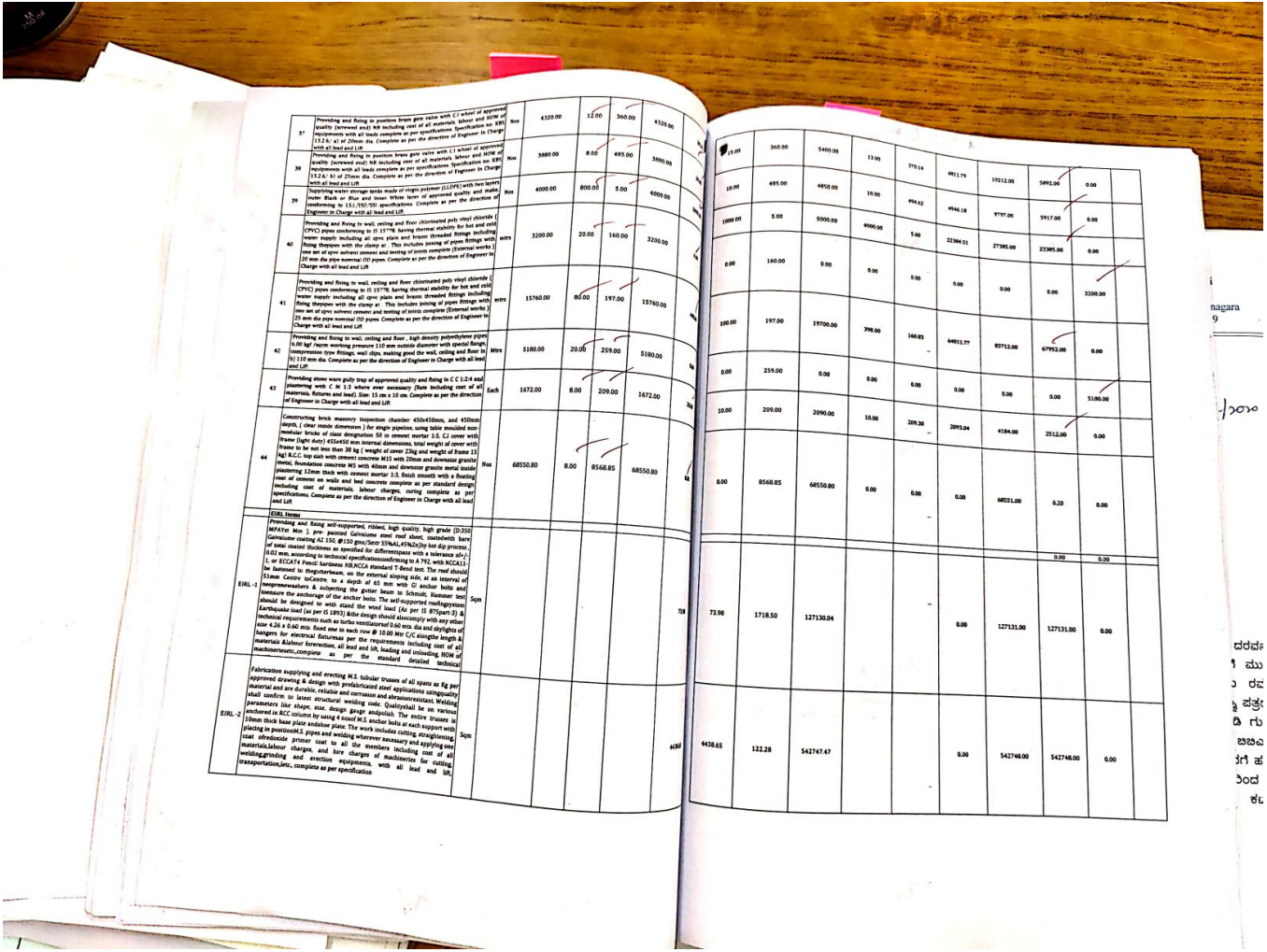

37	Providing and fixing in position brass gate valve with C1 wheel of approved quality (screwed end) NB including cost of all materials, labour and HOM of requirements with all leads complete as per specifications Specification no: KWS 13.2.b; a) of 20mm dia Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	4320.00	12.00	360.00	4320.00	
38	Providing and fixing in position brass gate valve with C1 wheel of approved quality (screwed end) NB including cost of all materials, labour and HOM of requirements with all leads complete as per specifications Specification no: KWS 13.2.6/ b) of 25mm dia. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	3880.00	8.00	485.00	3880.00	
39	Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer Black or Blue and inner White layer of approved quality and make conforming to I.S1./350/550 specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	6000.00	800.00	5.00	6000.00	
40	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all cpvc plain and brass threaded fittings including fixing therpipes with the clamp ar. This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (External works) 20 mm dia pipe nominal OD pipes. Complete as per the direction of Engineer in Charge with all lead and Lift	mtrs	3200.00	20.00	160.00	3200.00	
41	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all cpvc plain and brass threaded fittings including fixing therpipes with the clamp ar. This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (External works) 25 mm dia pipe nominal OD pipes. Complete as per the direction of Engineer in Charge with all lead and Lift	mtrs	15760.00	80.00	197.00	15760.00	
42	Providing and fixing to wall, ceiling and floor , high density polyethylene pipes (6.00 kgf /sqcm working pressure 110 mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor in b) 110 mm dia. Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	5180.00	20.00	259.00	5180.00	
43	Providing stone ware gully trap of approved quality and fixing in C C 1:2:4 and plastering with C M 1:3 where ever necessary (Rate including cost of all materials, fixtures and lead.) Size: 15 cm x 10 cm. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	1672.00	8.00	209.00	1672.00	
44	Constructing brick masonry inspection chamber 450x450mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, CI cover with frame (light duty) 455x450 mm internal dimensions, total weight of cover with frame to be not less than 30 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C top slab with cement concrete M15 with 20mm and downsize granite metal, foundation concrete M5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3. finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	68550.80	8.00	8568.85	68550.80	
	EIRL Items						
EIRL -1	Providing and fixing self-supported, ribbed, high quality, high grade (D:350 MPAYst Min), pre- painted Galvalume steel roof sheet, clutedwhere have Galvalume coating AZ 150, @150 gms/Sqmr 55%AL,43%Zn,2by hot dip process of total coated thickness as specified for differentspace with a tolerance of+/- 0.02 mm, according to technical specificationsconfirming to A 792, with NCCA11-1, or ECCA14 Pencil hardness HB.NCCA standard T-Bend test. The roof should be fastened to thegutterbeam, on the external sloping side, at an interval of 51mm Centre toCentre, to a depth of 65 mm with Gi anchor bolts and neoprenewashers & subjecting the gutter beam to Schmidt, Hammer test to measure the anchorage of the anchor bolts. The self-supported roofingsystem should be designed to with stand the wind load (As per IS 875part-3) & Earthquake load (as per IS 1893) &the design should alsosatisfy with any other mechanical requirements such as turbo ventilatorsof 0.60 mtrs. dia and skylights of size 4.26 x 0.60 mts. fixed one in each row @ 10.00 Mtr C/C alongthe length & hangers for electrical fixturesas per the requirements including cost of all materials &labour forerection, all lead and lift, loading and unloading. HOM of machinerieselc.,complete as per the standard detailed technical	Sqm					
EIRL -2	Fabrication supplying and erecting M.S. tubular trusses of all spans as Kg per approved drawing & design with prefabricated steel applications uniquequality material and are durable, reliable and corrosion and abrasionresistant. Welding shall confirm to latest structural welding code. Qualitystall be on various parameters like shape, size, design gauge andpolish. The entire trusses is anchored in RCC column by using 4 nosof M.S anchor bolts at each support with 10mm thick base plate andshoe plate. The work includes cutting, straightening, coat ofredoxide primer coat to all the members including cost of all materials,labour charges, and hire charges of machineries for cutting, welding,grinding and erection equipments, with all lead and lift, transportation,letc., complete as per specification	Sqm					

15.00	360.00	5400.00	13.00	379.14	4931.79	10212.00	5092.00	0.00
10.00	485.00	4850.00	10.00	494.62	4946.18	9797.00	5917.00	0.00
1000.00	5.00	5000.00	4000.00	5.60	22394.51	27385.00	23395.00	0.00
0.00	160.00	0.00	0.00	0.00	0.00	0.00	0.00	3200.00
100.00	197.00	19700.00	398.00	160.85	64051.77	83712.00	67952.00	0.00
0.00	259.00	0.00	0.00	0.00	0.00	0.00	0.00	5180.00
10.00	209.00	2090.00	10.00	209.30	2093.04	4184.00	2512.00	0.00
0.00	8568.85	68550.80	0.00	0.00	0.00	68551.00	0.20	0.00
							0.00	0.00
73.98	1718.50	127130.04			0.00	127131.00	127131.00	0.00
4438.65	122.28	542747.47			0.00	542748.00	542748.00	0.00

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EIRL -3	KSR? ? ? : Providing and fixing in position collapsible steel shutters 5gm with single or double leaf with vertical channel 20mmx10mmx2mmm weight with flat iron diagonals 20mmx5mm size. with top and bottom rails of T iron sections of 40x40x5 mm with 38mm dia steel pullout complete with bolt and nuts, locking arrangements stoppers, handles on both sides with 7.5cms opening at 15? cms c to c applying a priming coat of red lead paint, cost of materials, labour. NOte complete as per specifications, size of gate 2 4mx1.4m Specification No: KSR ? ? : ? 32	Sqm						11.86
EIRL -4	Providing and fixing M.S. Hand railing for Balcony/Staircase etc. 5gm with 50mm dia M.S. hollow pipe of 14 gauge welded to 20mmx20mm M.S. square rod placed vertically apaced at 100mm ar regular intervaled 600mm. These vertical rods laterals tied to 3 horizontal rods spaceder equal interval. These assembly is fixed to concrete by using expansionbolts and welding the same to reinforcement bars and making good thereafter. All the joints and sectional should be cut to length, welded andgrinded wherever necessary etc. complete. The work includes cost of allmaterials, labour charges for all items of work, hire charges for welding cutting and grinding equipment, and electricity charges etc., complenas per specification and drawing.	Sqm						54.84
EIRL -5	Supplying and fixing new Mangalore tiles on existing reepers including cost of materials, labour. NOte complete as per specifications.	Sqm						131.50
EIRL -6	Providing and fixing M.S. Grill over existing compound wall as per sizing 16mm x 16mm M.S. Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S.flat for ornamental design and providing shop edge design at thereafter of every vertical rods, including welding, grinding wherevernecessary. All the steel surface should be thoroughly cleanedfree of rust and paintsc with anti corrosive paint (shop paint) etc.,complete The work includes cost of all materials, labour chargesfor all items of work, hire charges for welding cutting and grindingequipment, and electricity charges, etc., complete as per specification	Sqm						44.80
EIRL -7	Providing and fixing M.S Gate as per Chief Architect Drawing.ornamental shape as shown in the drawing and 35mm x 6mm and 16 x16mm Square rods fix vertical(s alternatively spaced at 4cms c/c in twohalves and 40mmx6mm M.S. flats for horizontal member and at the topcast iron spikes are provided at alternate vertical members as shown inthe drawing etc., complete All the steel surface should be thoroughlycleaned free of rust and painted with anti corrosive paint (shop paint) etc.,complete. The work includes cost of all materials, labour charges for allitems of work, hire charges for welding, cutting and grinding equipment,and electricity charges, with lead and lift, loading and unloading charges,etc., complete as per specification.	Sqm						6.93
	Sub Total		4289600.10					
	Tender Premium & Miscellaneous							
	TOTAL		4289600.10				4289600.00	

Contractor Quoted the Rates +2% Above the S R Rates of 2018-19.

1) Estimated amount		50,00,000.00
2) Tendered Amount		42,89,600.00
3) Actual amount As per Modified Estimate (Work Slip+EIRL)		42,86,971.00
Percentage of (3)/(2)		99.94%
Savings		2,629.00
Workslip %		22.86%
EIRL %		29.56%

Since the overall expenditure is lesser then estimated amount. The Work slip & EIRL may please be approved

Assistant Engineer
Ward No 17

Asst. Executive Engineer
ASSISTANT EXECUTIVE ENGINEER
Yeshwanthpura Sub-Division
Bruhat Bangalore Mahanagara Palike

13.86	5739.34	79547.20						
				0.00	79548.00	79548.00	0.00	
54.84	3128.54	171569.35						
				0.00	171570.00	171570.00	0.00	
131.50	448.35	58958.10						
				0.00	58959.00	58959.00	0.00	
44.80	5914.49	264969.17						
				0.00	264970.00	264970.00	0.00	
6.93	3318.02	22993.87						
				0.00	22994.00	22994.00	0.00	
		344271?.67						
				944236.39	4286971.00			
						4286971.00	2248499.60	2251138.70

EXECUTIVE ENGINEER
RR Nagar Division

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